

2019 Kenai BEACH Monitoring										
	South Kenai Beach (SKB3)		North Kenai Beach (NKB4)		Warren Ames Bridge (BRG1)		Kenai Gull Rookery 1 (KRGR1)		Kenai Gull Rookery 2 (KRGR2)	
Date	Enterococci	Fecal Coliform	Enterococci	Fecal Coliform	Enterococci	Fecal Coliform	Enterococci	Fecal Coliform	Enterococci	Fecal Coliform
May 21	5, 4 <sup>1</sup>	8, 5 <sup>1</sup>	1	1	1	NA	1	5	1	1
May 29	6	25	5, 6 <sup>1</sup>	25, <b>35</b> <sup>1</sup>	1 <sup>2</sup>	7	NA	5	2	10
June 4	2, 10 <sup>1</sup>	9, 6 <sup>1</sup>	<b>139</b>	<b>102</b>	3	10	6	8	NA	5
June 11	7	5	1 <sup>2</sup> , 1 <sup>1</sup>	2, 1 <sup>1,2</sup>	1 <sup>2</sup>	11	20	<b>46</b>	1 <sup>2</sup>	4
June 18	50, 36 <sup>1</sup>	<b>84, 76</b> <sup>1</sup>	36	<b>41</b>	1	17	23	25	17	29
June 25	71	26	15, 14 <sup>1</sup>	<b>44, 50</b> <sup>1</sup>	8	24	NA	7	3	<b>35</b>
Geometric Mean to Date	10.9	<b>15.3</b>	6.8	13.6	1.7	12.8	7.2	10.8	2.5	7.7
<b>18 AAC 70 Alaska Water Quality Standards (amended as of April 6, 2018)-(14) Bacteria, for Marine Water Uses</b>										
Water recreation, contact	In a 30-day period, the geometric mean of samples may not exceed 35 enterococci colony forming units (CFU) /100 ml, and not more than 10% of the samples may exceed a statistical threshold value of 130 cu/100 ml.									
Water recreation, secondary	In a 30-day period, the geometric mean of samples may not exceed 200 fecal coliform/100 ml, and not more than 10% of the samples may exceed 400 fecal coliform/100 ml.									
Harvest for consumption of raw mollusks or other raw seafood	The geometric mean of samples may not exceed 14 fecal coliform/100 ml; and not more than 10% of the samples may exceed 31 CFU per 100 ml for a membrane filtration test.									

<sup>1</sup> Indicates duplicate results (i.e., results from separate sample taken at the same monitoring location)

<sup>2</sup> Indicates the analyte was analyzed for, but not detected.

NA indicates that the sample was received by the laboratory, but not analyzed due to compromised sample container

NT indicates that no sampling was done at this monitoring location

Exceedances are in **BOLD** text